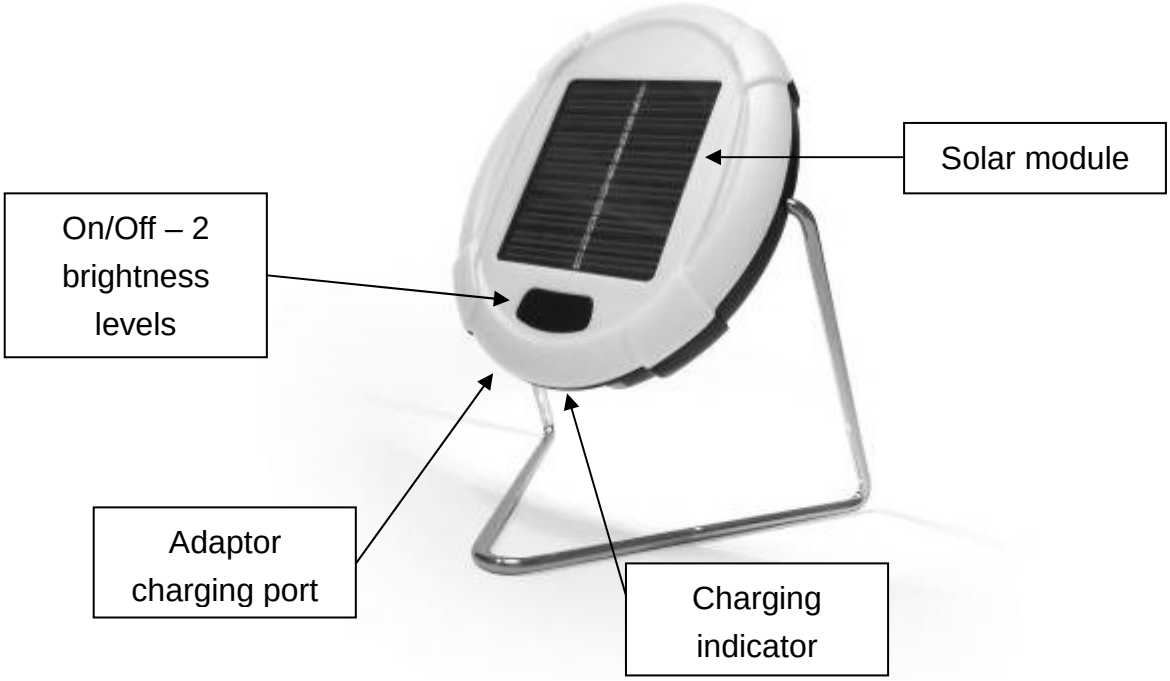
FU – Read

User's Manual

Thank you for your interest in Futura FU – Read solar lighting system. The FU – Read has been designed to meet your need for a reliable and affordable reading light for everyday use.



First use

Read the user's manual carefully before the first use.
The lantern must be fully charged before the first use. The indicator will become red when charging.
Keep the lantern switched off when charging.

General specifications

The lamp body can be rotated, the user can adjust the lighting angle freely.
There are two levels of brightness depending on the operating environment.
The duration of the two levels after one-day charging is listed below:

Level	*Duration*
I (20 lumens)	6 hours
II (30 lumens)	4 hours

Attention: the light source is high brightness LED. Do not look at the light source directly.

To reach the longest lifespan of battery:

- the lantern must be charged when the brightness starts to dim;
- do not work under too low voltage conditions for a long time;

- charge the lantern at least every 3 months.

System specifications

Photovoltaic module	0.4 W – 5.5 V
Led Lights	0.5 W
Rechargeable battery	Ni-Mh 600 mAh – 3.6 V

Charging for the reading light

To charge the light with the solar light, put it under sunlight and ensure that the solar module is directly exposed to the sun. If the module is partly shaded, it will affect and strongly reduce the power output. If you use the lantern in the Southern hemisphere, the module must face the North; if you use the lantern in the Northern hemisphere, the module must face the South. The item will be fully charged by solar panel after 10 hours (sunlight peak).

To charge the lantern with the AC adaptor, you can use the standard Nokia 2 mm charge adaptor (not included) for charging directly or any other adaptor with 5 V output with the suitable connectors. The item will be fully charged by AC adaptor after 6 hours.

To charge the lantern with Futura Energy Station solar home system (not included), connect the FU – Read to the mobile phone charger (Nokia 2 mm type).

Maintenance

- Make sure that the product is not exposed to liquids.
- Clean dust or dirt on the solar module with wet cloth.
- Keep the product indoors when not in use.
- The battery must be replaced after a certain number of years of use. This must be done by an authorized technician.

Recycling

Do not throw any of the components after discarding. To minimize pollution, please recycle them. All of the components used for manufacturing the system are recyclable. For more information visit http://ec.europa.eu/environment/waste/weee/index_en.htm